

VOL. XXXV.

HONOLULU, HAWAII TERRITORY. TUESDAY, AUGUST 12, 1902.

PRICE FIVE CENTS.

## PLANS FOR MORE WATER

Gravity System Is Sought by the Engineers.

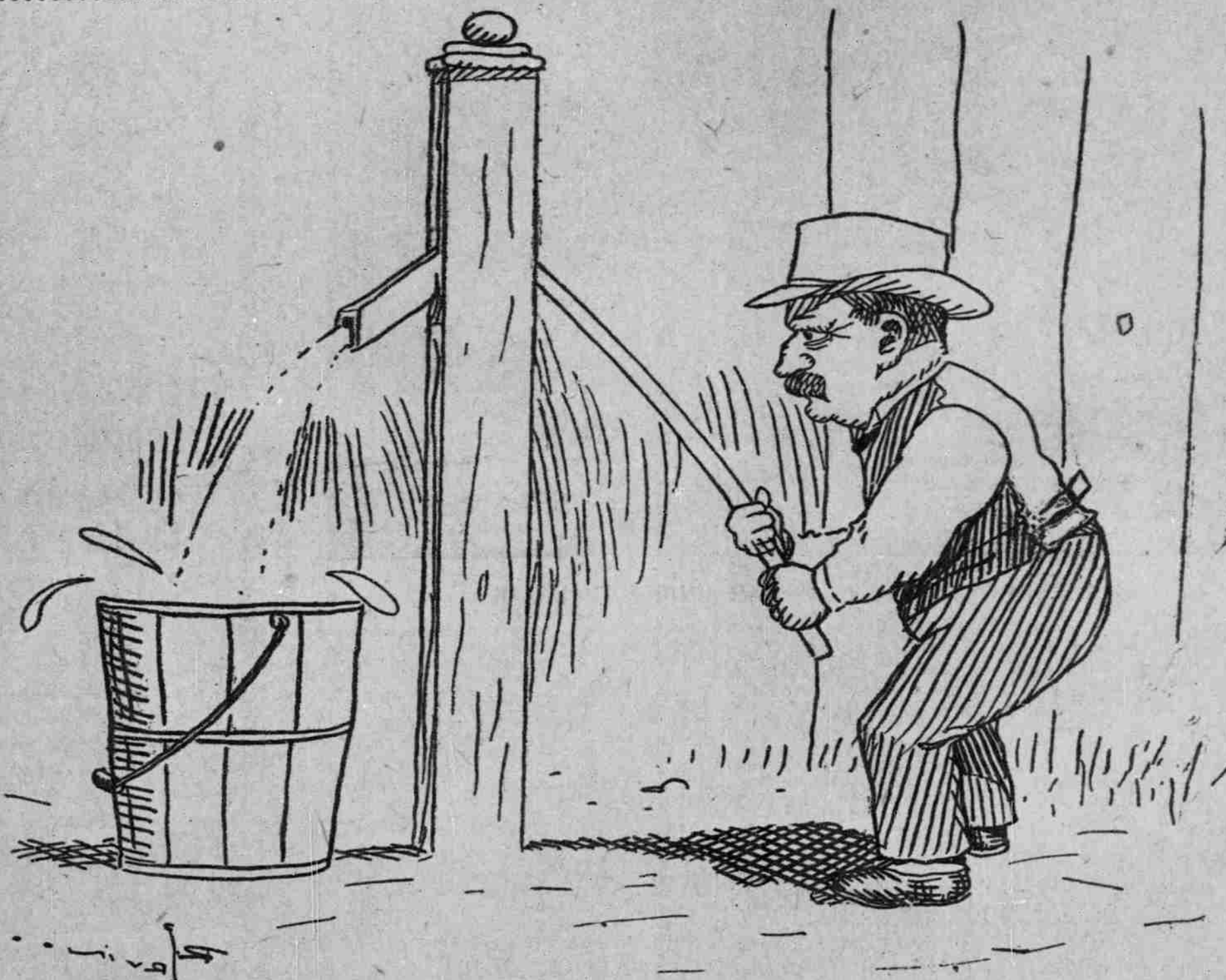
### NATURAL SITE FOR RESERVOIR

Superintendent Brown Has in Mind Greater System of Impounding Dams.

PLANS for water supply which will mean ample protection for the city in the event of fire, either day or night, and which as well will mean an immense saving in the expense of the collection and distribution of the supply, will be submitted to the next legislature, and efforts made to secure the inauguration of the work upon plans which will take several years to complete.

The first point in the working up of the new plans involves surveys looking toward the conservation of the water supply which now goes to waste from the Nuuanu valley, and which often in twenty hours' time, means the running out to sea of enough water to supply the city for a year. There is at a point above Lanakaha a natural site for a reservoir. The elevation is 595 feet above the electric light station, which means about 1,000 feet above the sea. There is an opportunity there for the collection of a supply sufficient to enable the city to feel absolutely safe from famine and in the event that the collection of too great a supply in one reservoir might cause fears for the safety of the people who live below the level of the dam, there could easily be arranged a series of small reservoirs which could be connected with each other and the reservoir below by 18-inch pipes and thus furnish water and power sufficient to greatly improve the present service.

Should there be made dams at the points selected by engineers who have viewed the situation with a purpose of determining just what could be done for the city in the way of a gravity supply, the water being drawn from



ANDY HAS A NEW PUMP.

the upper levels would furnish at the light station sufficient power not only to make electricity to give twice as much light as is now utilized, but at the same time furnish power for the running of the pumps now used for the low level service, and which could then be used for fire service directly.

The plans for the bettering of the supply of water have been engaging the attention of Superintendent Andrew Brown for years. He has seen the need of improved supply and as well of better methods for distribution. One of the essentials in his opinion is to make use of the natural advantages in the way of impounding the storm waters for the purpose of supply, and thus saving the enormous amounts expended for coal, which often costs the Territory the high price of \$10.00 a ton. The next thing in his opinion is the laying of water pipes where there are none, and the relaying of pipes in places where the first system has been outgrown by the city. There is one street in the city which has no water pipes, Vineyard, and there are many parts of others which are without this protection.

It was in his report of 1899 that Superintendent Brown called attention most forcibly to this condition of affairs. At that time he asked for an appropriation of \$120,000 for the purchase of 50,000 feet of eight-inch and 25,000 feet of six-inch pipe, and \$8,000 for the purchase of 120 fire hydrants. This was three years ago and the growth of the city since that time has been great and along lines which make the taking of steps to protect it from fire even more imperative. The plans of Superintendent Brown contemplate the replacing of all three-inch pipes with six-inch and the four-inch with eight. This would ensure ample supply of water at every point of the city. The present pipes in some instances are so small that the fire engines cannot secure water enough to supply their pumps when there is a fire and thus there is great danger where there should be ample protection.

Should this system be put into operation there would be a constant pressure of seventy pounds to the square inch kept in the mains and this would be met by the Fire Commission installing, in the outlying suburbs of the city, where there is now nothing to do but wait for the arrival of an engine. When there is a fire reported, hose carts could operate against a small fire with the same facility and success as does a fire engine at the present time. The recent additions to the buildings of the city so many shacks, built for oriental occupancy and the fact that these are being erected all over the city, is responsible for the anxiety on the part of the commissioners for safety through better supplies to fight the element.

But while Superintendent Brown has these plans for economical and full supply of water in mind, he at the same time is moving with the facilities at his command to furnish as good protection and supply as possible. As soon as the Kalihai reservoirs are in shape, with the string of storage dams at that point, on Punchbowl slopes and at Diamond Head, there would be held at a height of 170 feet above the low lands, a supply of some 4,000,000 gallons of water, for the reservoirs are always filled before the pumps stop at night, which would insure the pressure required to give perfect fire protection all over the city. These reservoirs are at the same level and will prevent any danger from water shortage. The first signal of fire means the opening of the gates, turning into the mains in the region where it is needed a full supply of water, and within a few minutes there is an added pressure from the starting of the pumps, which work directly into the mains.

The improvements planned and needed are in the line with those already made, in that the fire signal system is now working well.

## LIQUOR MEN WILL COMBINE TO DEFEND THEIR BUSINESS

Within the next five days a thoroughly organized Liquor Dealers' Association may be formed and officered and measures taken by it to protect its vested interests in the Territory. By the protection of its interests is meant legislative action which will insure to its business investments against the encroachments of organizations which would do entirely away with the liquor business.

It is possible that J. G. Rothwell of the firm of Peacock & Company, may be called upon to become the president of the organization and he will doubtless accept the position. The association is intended to play the defensive part against the Anti-Saloon League which the former claim is attempting to secure prohibition for the Territory by legislative action next year.

A prominent member of the liquor dealers stated yesterday that it was not the part of the liquor people to play the aggressors as a general thing, but the time had come when they felt compelled to protect themselves, and not to lay back permitting their opponents to be the only active ones.

"This organization has practically been forced upon us," said he, "and it is time for us to defend ourselves. I am not making this statement wholly on our own account but to show that in defending our interests we are defending general commercial interests of the Territory. I state this as a fact, that if the liquor dealers are jeopardized, it will hurt many other lines of business. Business interests here are peculiarly dovetailed and I am stating just what is a fact that if one part of

business is injured, it will in proportion affect other business interests.

"I know the attempt will be made by the Anti-Saloon League to force us out of business and establish prohibition laws in this Territory. As we have been in business here for twenty-five years and our investments reach out beyond the liquor business, we feel that it is our right to look out for ourselves by organized means. It has come to be a question of politics, and that being the case, we can interest ourselves in politics also. There are votes in our organization and votes can be controlled. A question of a few votes in this community will swing the pendulum one way or another. I think it is safe to say that we can muster one thousand votes. That number of votes will be a tremendous factor in the result of elections, at least in this city."

### COST HIM \$600 TO AUCTIONEER

Japanese Fined Heavily for Playing Auctioneer Without a License.

It cost just \$600 for a young Japanese named Matsuda to learn that he is not at liberty to stand on the counter of a friend's store and auction off merchandise for his countrymen. If he had been an American citizen he could have taken out an auctioneer's license for just what it cost him to learn the size of the fee, but even after putting up

the \$600 he is no better off than before, for an auctioneer's license cannot be granted to a foreigner.

Matsuda came into court yesterday on a charge of auctioneering without a license, the complaint being sworn to by License Inspector Batchelor, who arrested him last week in a store on Nuuanu street. Mr. Batchelor was passing the store during the afternoon and noticed a large crowd bidding on merchandise offered for sale by Matsuda. It developed that the storekeeper was on the verge of bankruptcy, and he at first proposed that his creditors take out goods pro rata to meet their obligations. This was not considered business-like, and the happy thought was hit upon for Matsuda to play the role of auctioneer, which he did to his sorrow.

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### PROFESSIONAL CARDS.

#### ATTORNEYS.

THOMAS FITCH.—Offices 401 Stangenwald building, Honolulu, T. H. Will practice in all the courts.

THAYER & HEMENWAY.—Office 409 and 604 Stangenwald building; Telephone 398 Main.

#### BROKERS.

H. J. WALKER.—Coffee and Merchandise Broker. Office room 4, Spreckels block, Honolulu.

#### CHIROPODIST.

DR. W. R. BOGLE.—Office, Oranger block, Hotel and Union Sts.

#### CONTRACTORS.

WM. T. PATT.—Contractor and Builder, store and office sitting; shop Ala-ka St., between King and Hotel; res., 1841 Anapuni.

#### DENTISTS.

DR. H. BICKNELL.—McIntyre bldg., rooms 2 and 14; office hours, 9 to 4.

ALBERT B. CLARK, D.D.S.—Beretania and Miller; office hours, 9 to 4.

I. E. GROSSMAN, D.D.S.—Alhambra St., three doors above Masada Temple, Honolulu; office hours, 9 a.m. to 6 p.m.

DR. A. C. WALL, DR. O. H. WALL.—Office hours, 8 a.m. to 4 p.m.; Love bldg., Fort St.; Tel. 434.

#### ELECTRICAL ENGINEERS.

JAS. S. McKEE.—Electrical, Mechanical and Consulting Engineer; office, rooms 11 and 12, Progress block.

#### ENGINEERS.

ARTHUR C. ALEXANDER.—Surveyor and Engineer, 409 Judd bldg.; P. O. box 732.

JATTON, NEILL & CO., LTD.—Engineers, Electricians and Boilermakers, Honolulu.

E. TAPPAN TANNATT.—Civil and Electrical Engineer. Office, Room 4, Spreckels block. Residence, 1212 Wil-der Ave. Telephone, Main 123.

JAMES T. TAYLOR, M. Am. Soc. C. E.—Consulting Hydraulic Engineer; 595 Judd bldg., Honolulu; P. O. box 798.

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#### INSURANCE.

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#### MUSICIANS.

COOK'S MUSIC SCHOOL.—Love bldg., will hold summer term during July and August.

#### PHYSICIANS.

DR. T. MITAMURA.—Office, 1443 Nuuanu St. Tel. White 152; 1 to 4 p. m. and 6 to 7:30.

DR. J. UCHIDA.—Physician and Surgeon; office, Beretania, between Ford and Nuuanu streets; office hours, 9 to 12 a. m., 7 to 8 p. m.; Tel. 1212, White, 618, Supt.

#### NOTICE.

PERSONS needing or knowing of those who do need protection from physical or moral injury, which they are not able to obtain for themselves, may consult the Legal Protection Committee of the Anti-Saloon League, 9 McIntyre building. W. H. RICE, Supt. 618.

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